
Materials Science Division Meeting

March 25, 2002

raises
proposals
distinguished postdocs, new faces
new teams
MSD as a user facility
CNM
news updates

Raises

how the system works

2002:	salary increase pool	3.1%	
	bonus pool	1.775%	(~36% of total)

conceptual change in Laboratory compensation: *salary* -> *bonus*

impact:	Lab	lowers future effort cost control pay for performance on yearly basis
	employee	requires exceptional performance <i>each year</i> for high compensation
	MSD	85% of budget is effort reduces impact of flat budget

Raises

raises in MSD

performance: N, C, D converted to number

divisional salary profile

inflation

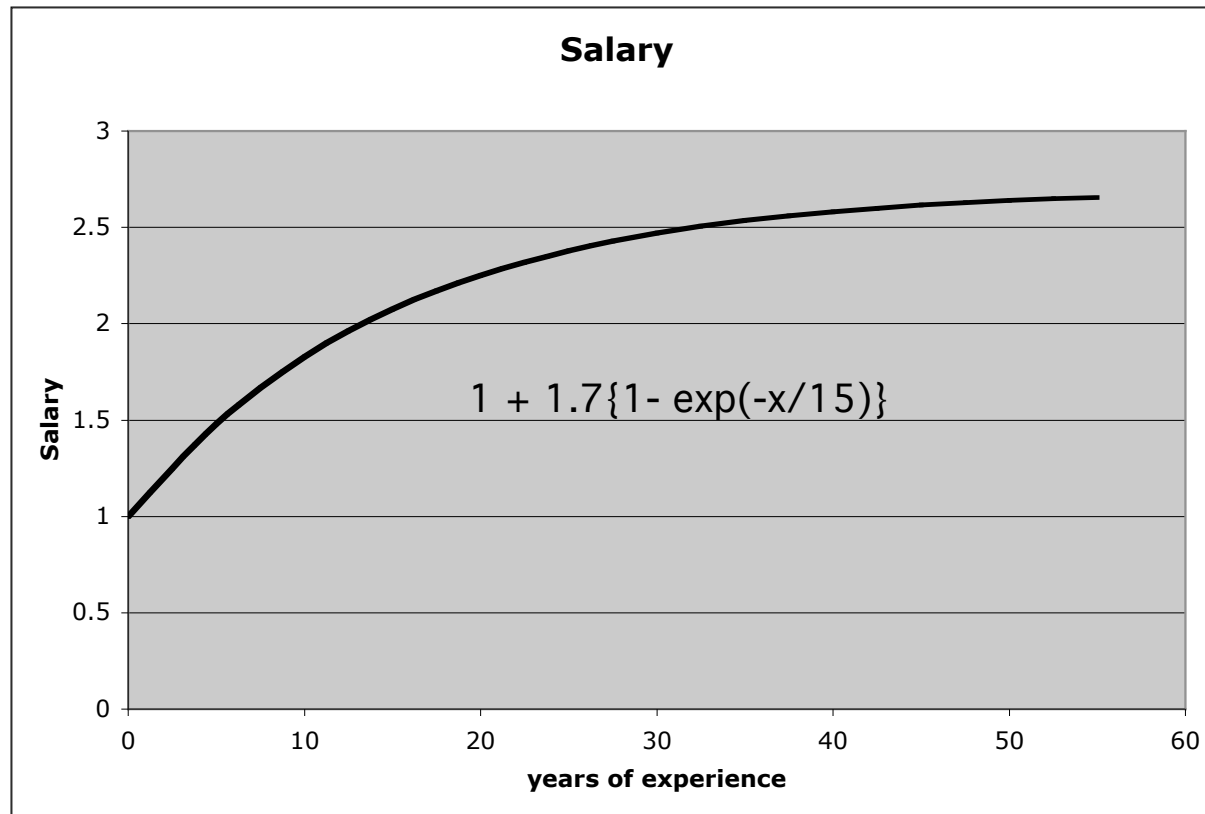
divisional leadership: GL or FWP leader

salary normalization across Lab

D	4.0
C	3.0
	2.0
N	1.0

Raises

divisional salary profile



experience factor

$x \sim 0$ 0.400

$x=20$ 0.264

$x=30$ 0.135

“average raise”

early > 3.1%

late < 3.1%

Bonus

-> outstanding performers for the year
two installments: March, October 03

Lab guideline: bonus to D performers

MSD policy: bonus to high C
or outstanding accomplishment

Proposals

key to our future

how to:

postdoc LDRD proposal workshop March 7

Notre Dame proposal workshop March 25

call to action

LDRD proposal call soon www.anl.gov/LDRD

Directors Competitive Grants: \$50K to \$180 K/yr

Strategic Grants: contact initiative leader

Beyond LDRD

DOE Catalysis call

Jerry Rathke, Julius Jellinek catalysis using micelles containing nanoparticles

Mike Pellin, Peter Stair (NU) catalysis using AAO membranes

DOE Theory and Modeling call

Dieter Wolf, Larry Curtiss, Valerii Vinokur self-assembly

Stephen Gray (CHM) nanophotonics

Larry Curtiss w/PNNL reactivity in the nanoscale

Winning Beyond LDRD

DARPA

Liaohai Chen (BIO), Axel Hoffmann (MSD), Brian Kay (BIO), Samuel Bader (MSD), and Lee Makowski (BIO)

Sensors based on resonant oscillation of magnetic phage

Orlando Auciello, John Carlisle, Peter Zurcher (Motorola), Michael T. Dugger (Sandia), Paul Fleischauer (Aerospace Corporation) Robert Carpick (UWisconsin-Madison), Neil Kane (ADT)

Robust Ultrananocrystalline Diamond MEMS Technology

Opportunities Beyond LDRD

BES Hydrogen Workshop

May 13-15, 2003

Washington DC

basic research needs to enable H economy

H production

H storage and storage materials

fuel cells and novel fuel cell materials

funding request for FY05

materials for membranes

Distinguished Postdocs

congratulations to

Andrei Lopatin

Seth Darling

MSD: two other offers approved

candidates declined for personal reasons

cheers to the proposers

New Faces

postdocs

Ruihua Cheng - Sam Bader

Daniel Hay - Millie Firestone/Larry Curtiss

Jian Wang - Larry Curtiss/John Carlisle

Leonid Shilkrot - Simon Phillpot/Dieter Wolf

Tom Wu - Ken Gray/John Mitchell

New Teams

seminar team

Suzanne te Velthuis Paul Fuoss Axel Hoffmann

Dmitri Feldman Orlando Auciello Gerry Willing Peter Zapol

Barb Hall

Thursdays at 11:00 AM
212- A157

March 27: Amanda Petford-Long , University of Oxford

Development of information storage materials - how microscopy can help

suggestions welcome!

New Teams

research summary team

John Carlisle Goran Karapetrov Bernd Kabius
Janice Coble

hard copy/electronic

ambassador to the community
visitors, interviewees, seminar speakers, etc

introduction to MSD science

two page text/figure format

enticing science bytes

New Teams

secretarial team

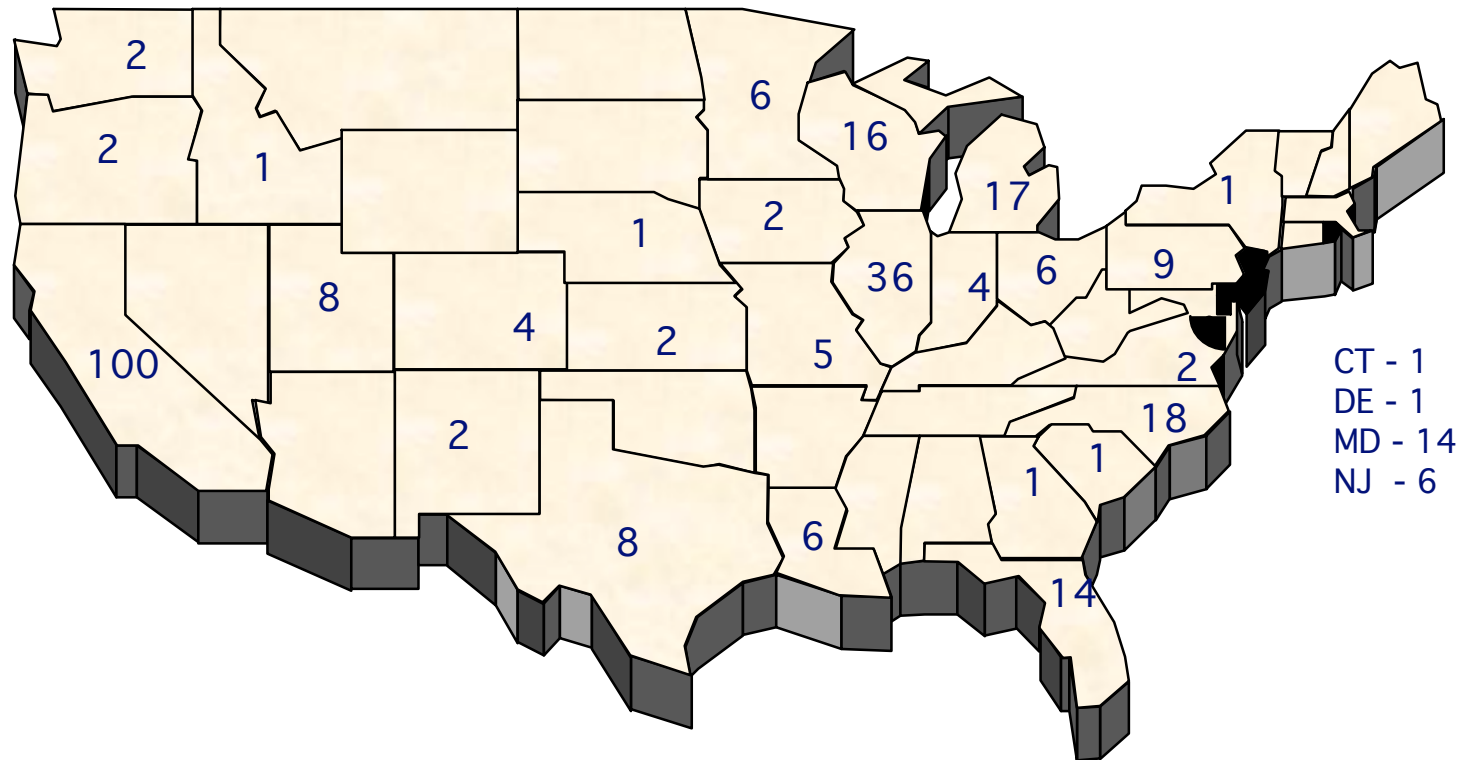
Janice Coble, Barb Hall, Becky Videtic, Nancy Sanchez
Suzanne Marik, Lee Harris, Laurie Eichberger, plus one

they make the Division happen!

embedded in seminar team, research summary team,
workshops, . . .

react to Argonne's changing climate

MSD as a National User Facility



MSD co-authors, 2000-2002

visitor database- speakers, collaborators etc

sample database- directly feeds DOE facilities

Center for Nanoscale Materials

new theme: virtual fab lab
model and simulate nanostructured materials
Stephen Gray Peter Zapol
co-leaders

construction project review this week in DC

Center postdocs now being selected

search for new director moving forward

News Updates

ANL-UC joint hires
nanoscience
computation
bio-dynamics

names are circulating- please comment and suggest

DOE review of MEP: June 2-4 2003

foreign travel- ALDs deciding on individual trips

Exchange Club
Thursdays at 617 cross-cutting social moments
